**COMPUTER ENGINEERING**

**Title of Micro-Project:** Micro-Project on data analysis on trending topics

**GROUP MEMBERS**

|  |  |  |
| --- | --- | --- |
| **ROLL NO** | **CLASS** | **NAME OF MEMBER** |
| 3111 | CO6I | Shreyash Kotain |
| 3112 | CO6I | Darshana Kure |
| 3113 | CO61 | Sahil Mhatre |
| 3114 | CO6I | Omkar Moolya |
| 3115 | CO6I | Aman Pandey |
| 3116 | CO6I | Priyanka Patil |
| 3117 | CO6I | Heramb Pawar |
| 3118 | CO6I | Aditya Raut |
| 3119 | CO6I | Pawan Salve |
| 3120 | CO6I | Ameya Sawant |

**GUIDE NAME**: - Mrs. Monal Malge

**Part A Plan**

**Aim of Micro-Project**: Micro-Project to develop a website that will perform data analysis on trending topics

**Brief description**: -

* A trending topic is a subject that experiences a surge in popularity on one or more time. Trending topics often evolve around popular cultural occurrences such as current events, celebrity announcements, TV premiers, social concerns, breaking news and viral content.
* There’s no limit to how long a topic stays popular, though trending topics tend to have a shelf-life of one day to one week.
* Trending topics are determined by algorithms created by the site on which the topic appears. Trending topics often come in the form of hashtags, but they can also be simple keywords that have been frequently used on social media.
* Ecommerce businesses can check social media trends to find out what’s holding consumer interest and capitalize on the current conversation.

**Aim** **of Micro-Project: -**

The Micro-Project Aims To: -

* Compare keywords entered.
* Find top trending topics by country.
* Find keyword related topics and queries.

**Action Plan: -**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sr No** | **Detail Of Activities** | **Plan start date** | **Plan end date** | **Name Of Team Members** |
| 1 | Group formed according to roll no & group leaders were elected also detailed information on micro project was given |  |  | Heramb Pawar |
| 2 | Finalization of micro project as well as detailed discussion regarding topic |  |  | Ameya Sawant |
| 3 | Planning of micro-project regarding, resources, software used, submission date and completing part a plan of micro – project |  |  | Darshana Kure |
| 4 | Complete analysis of design part of micro-project & distribution of module among group members |  |  | Priyanka Patil |
| 5 | Getting it finalized by the guide |  |  | Pavan Salve |
| 6 | Implementation of Project report |  |  | Sahil Mhatre |
| 7 | Presentation of 1st part of micro-project Infront of guide by each group member and Preparing of part b plan for micro-project |  |  | Aman Pandey |
| 8 | Submission of micro-project |  |  | Shreyash Kotian |

**Resources used: -**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sr No** | **Name Of Resources Required** | **Specification** | **Quantity** | **Remarks** |
| 1 | Computer | **Processor-**Amd  **Hard Disk-**2 Tb  **Ram-**16gb  **Operating System-**Windows 10 Pro | 1  1  1  1 | Hardware used |
| 2 | Microsoft word | MS office 2010 | -- | Software used |
| 3 | PyCharm | 2021.01 | 1 | Software Used |
| 4 | Python + Django | Python 3.9 | \_ | Programming Language Used |